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PATENT

Customer Number 22852
Attorney Docket No. 8831.0003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

CANDICE HELLEN BROWN ELLIOTT et al.

Application No.: 10/051,612

Filed: January 16, 2002

For: CONVERSION OF A SUB-PIXEL
FORMAT DATA TO ANOTHER SUB-
PIXEL FORMAT DATA

Group Art Unit: 2673

Examiner: To Be Assigned

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FEB 12 2004
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement, to the undersigned's knowledge, is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Two of the references cited, DE 201 09 354 U1 and DE 299 09 537 U1, are not in English. "Where the information is not in the English language, but was cited in a search report or other action by a foreign patent office in a counterpart foreign application, the requirement for a concise explanation of relevance [under 37 C.F.R. § 1.98(a)(3)] can be satisfied by submitting an English-language version of the search report or action which indicates the degree of relevance found by the foreign

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office." (See MPEP §609 A(3), second paragraph.) Applicants enclose a copy of a PCT International Search Report for PCT/US02/39860 dated July 30, 2003.

Copies of the listed documents, including any copending patent applications, are attached. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

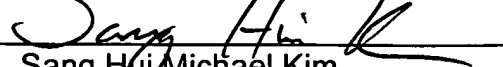
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: February 11, 2004

By: 
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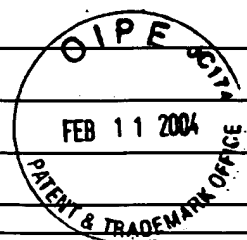
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OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	8831.0003-00000	Appln. No.	10/051,612
Applicant	Candice Hellen Brown Elliott et al.		
Filing Date	January 16, 2002	Group:	2673



U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,184,114	Feb 2, 1993	Brown			RECEIVED
	5,189,404	Feb 23, 1993	Masimo et al.			FEB 12 2004
	6,346,972 B1	Feb 12, 2002	Kim			Technology Center 2600

FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
EP 0 793 214 A1	Sep 3, 1997	EPO			
EP 899 604 A2	Mar 3, 1999	EPO			
EP 1 083 539 A2	Mar 14, 2001	EPO			
DE 201 09 354 U1	Sep 13, 2001	Germany			No
DE 299 09 537 U1	Oct 14, 1999	Germany			No
JP 2001203919	Jul 27, 2001	Japan			Yes; Abstract only
WO 97/23860	Jul 3, 1997	PCT			
WO 00/21067	Apr 13, 2000	PCT			
WO 00/67196	Nov 9, 2000	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Krantz, John H. et al., "Color Matrix Display Image Quality: The Effects of Luminance and Spatial Sampling," <u>SID International Symposium, Digest of Technical Papers</u> , 1990, pp. 29-32.
Messing, Dean S. et al., "Improved Display Resolution of Subsampled Colour Images Using Subpixel Addressing," <u>Proc. Int. Conf. Image Processing (ICIP '02)</u> , Rochester, N.Y., IEEE Signal Processing Society, 2002, Vol. 1, pp. 625-628.
Messing, Dean S. et al., "Subpixel Rendering on Non-Striped Colour Matrix Displays," <u>International Conference on Image Processing</u> , Barcelona, Spain, September 2003, 4 pages.

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce